



992 OLD EAGLE SCHOOL ROAD, SUITE 916
WAYNE, PENNSYLVANIA 19087
215-687-9510

4150110
ORIGINAL
(Rec)

February 25, 1985
R-585-10-4-25
68-01-6699

Mr. Harold Byer
U.S. Environmental Protection Agency
841 Chestnut Building
Ninth and Chestnut Streets
Philadelphia, PA 19106

Subject: Final Report
TDD No. F3-8407-45
Monsanto Site
Nitro, West Virginia

Dear Mr. Byer:

Submitted herewith is a final Field Trip report for the subject project.

On September 17, 1984, NUS FIT III performed a Tier 2 dioxin screening at a Nitro, West Virginia, dump area which is presently utilized by the Monsanto Company. Seventeen soil samples were collected at the surface and at depth levels. All samples were taken from an inactive section of the dump, which reports have indicated was the site of chemical wastes disposal.

If you have any questions, please contact me.

Respectfully submitted,

Reviewed by,

Approved by,

(b) (4)

Chemical Engineer

Asst. Manager, Reports

Manager, FIT III

JLC/bs



892 OLD EAGLE SCHOOL ROAD, SUITE 818
WAYNE, PENNSYLVANIA 19087
215-887-9510

ORIGINAL
(Red)

February 25, 1985
T-585-2-5-64
68-01-6699

Mr. Harold Byer
U.S. Environmental Protection Agency
841 Chestnut Building
Ninth and Chestnut Streets
Philadelphia, PA 19106

Dear Mr. Byer:

Attached please find three copies of the final Field Trip Report for Monsanto Site, prepared under TDD No. F3-8407-45. This report is being resubmitted with an addition to Appendix C.

Please endorse below confirming that you have received the attached subject data and return the form to the above address.

Sincerely,

(b) (4)

Manager, FIT III

GG/dms

Attachments

Signature: _____

Harold Byer

Date: _____

2/27/85

ORIGINAL
(red)

R-585-10-4-25
A FIELD TRIP REPORT FOR
MONSANTO SITE *WV-069*
PREPARED UNDER

TDD NO. F3-8407-45
EPA NO.
CONTRACT NO. 68-01-6699

FOR THE
HAZARDOUS SITE CONTROL DIVISION
U.S. ENVIRONMENTAL PROTECTION AGENCY

FEBRUARY 25, 1985

NUS CORPORATION
SUPERFUND DIVISION

SUBMITTED BY

REVIEWED BY

APPROVED BY

(b) (4)

CHEMICAL ENGINEER

ASST. MANAGER, REPORTS

MANAGER, FIT III

ORIGINAL
(red)

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SECTION 1

1.0 INTRODUCTION

ORIGINAL
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1.1 Authorization

NUS Corporation performed this work under Environmental Protection Agency Contract 68-01-6699. This specific report was prepared in accordance with Technical Directive Document No. F3-8407-45 for the Monsanto Site located in Nitro, West Virginia.

1.2 Scope Of Work

NUS FIT III was tasked to perform a Tier 2 dioxin (2,3,7,8-TCDD) screening at the dump presently utilized by the Monsanto Company in Nitro, West Virginia.

1.3 Summary

The Monsanto Site is located approximately 1/4 mile east of the junction of Routes 64 and 25. Various sections of the area have been filled in with waste from the plant. These areas have been covered, packed, and seeded. The section furthest from the road is presently being used as a dump for the company. This active area is also the closest to the river, and is adjacent to a pit which Monsanto uses for the disposal of spent filtering medium.

Sampling was concentrated in the area reported to be used for the disposal of chemical waste. This area was very distinctive, due to large outcrops of "Santoquin" residue percolates to ground surface through a soil cap placed over the chemical waste as a containment measure. This residue is an inert, nonhazardous tar-like substance disposed of in the dump by Monsanto. Seventeen surface and at-depth samples were taken at this area. All samples were sent to an EPA contract laboratory for analysis to determine the presence of dioxin. The laboratory results are being forwarded directly to EPA and to Walter Lee.

SECTION 2

2.0 FIELD TRIP REPORT

ORIGINAL
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2.1 Summary

On September 17, 1984, NUS FIT III personnel Jeffrey Case, Michael Nalipinski, Bruce Pluta, Marcia Irwin, Mark Volatile, Charles Meyer, and Richard Callahan performed a Tier 2 dioxin screening at the Monsanto Site. Access was granted by Keith Miller of Monsanto, who also accompanied the FIT during sampling and accepted custody of split samples provided. A total of 17 samples were taken from the "chemical dump area". All samples were taken and shipped according to FIT III protocol for dioxin sampling.

2.2 Persons Contacted

2.2.1 Prior to Field Trip

Mark Townsend
Environmental Engineer
Monsanto Company
Nitro, WV 24153
(304) 755-3341

Keith Miller
Environmental Engineer
Monsanto Company
Nitro, WV 24153
(304) 755-3341

Walter Lee
Dioxin Technical Coordinator, EPA
Sixth and Walnut Streets
Philadelphia, PA 19106
(215) 597-6623

2.2.2 At the Site

Keith Miller
Environmental Engineer
Monsanto Company
Nitro, WV 24153
(304) 755-3341

EPA REGION III
SUPERFUND DOCUMENT MANAGEMENT SYSTEM

DOC ID # 456176
PAGE #

IMAGERY COVER SHEET
UNSCANNABLE ITEM

Contact the CERCLA Records Center to view this document.

| | | | |
|--------------------|----------------------------------|--------------|--------------|
| SITE NAME | <u>Monsanto present landfill</u> | | |
| OPERABLE UNIT | <u>00</u> | | |
| SECTION/BOX/FOLDER | <u>1E</u> | <u>Box 1</u> | <u>1.001</u> |

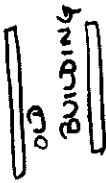
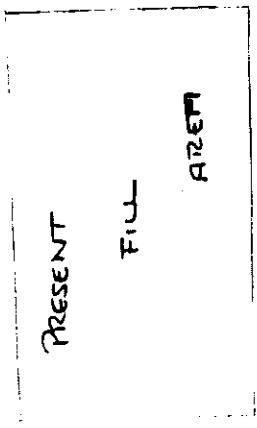
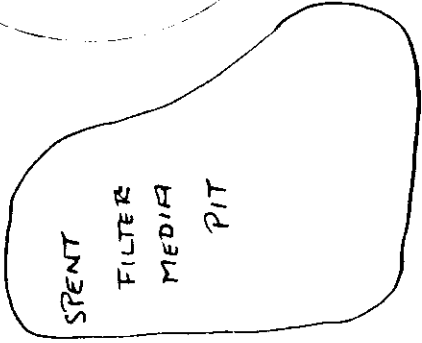
| | | | |
|------------------------------------|--|--|--|
| REPORT OR DOCUMENT TITLE | <u>field trip report</u> <u>(cover letter attached)</u> | | |
| DATE OF DOCUMENT | <u>2-25-85</u> | | |
| DESCRIPTION OF IMAGERY | <u>photo log</u> | | |
| NUMBER AND TYPE OF IMAGERY ITEM(S) | <u>photo log</u> | | |

APPENDIX A

APPENDIX B



ORIGINAL
(red)



SANTOQUIN
PIT



4

2

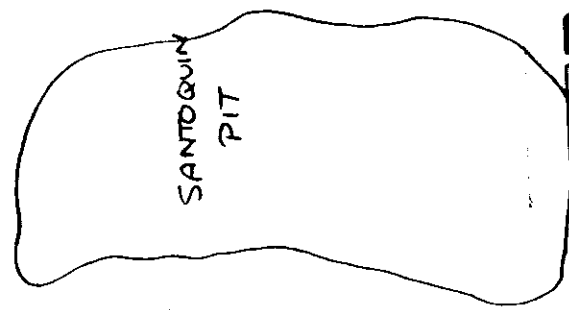
3

2

1

5

Access Rd.

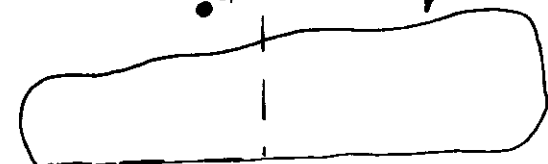


SANTOQUIN
PIT

7

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SANTOQUIN
PIT



APPENDIX C

Case Number _____
 Site Name MONSANTO SITE
 TDD Number 8407-45
 Date 9-17-84

Analysis _____

Lab _____

Airbill Number _____

| SAMPLE DESCRIPTION | PHASE | TIME | SAMPLER | ORGANIC TRAFFIC REPORT | INORGANIC TRAFFIC REPORT | ORGANIC TAG NUMBER | INORGANIC TAG NUMBER | |
|--------------------|-------|------|---------|------------------------|--------------------------|--------------------|----------------------|----------|
| DC008901 | SOL | 0930 | JC | SPIKE | | 3-33801 | | |
| DC008902 | SOL | 0925 | RL | 3A | | " 02 | | |
| DC008903 | SOL | 0925 | RL | 3B | | " 03 | | |
| DC008904 | SOL | 0925 | RL | 3C | | " 04 | | |
| DC008905 | SOL | 0950 | CM | 2 | | " 05 | | DUP MADE |
| DC008906 | SOL | 0953 | CM | 1A | | " 06 | | |
| DC008907 | SOL | 0953 | CM | 1B | | " 07 | | |
| DC008908 | SOL | 0953 | CM | 1C | | " 08 | | |
| DC008909 | AQ | 1020 | MF | RINSEATE | | " 09 | | |

ORIGINAL
(red)

Project Leader Signature _____

Date _____

9-18-84

Case number

Analysis

Lab

Airbill Number

Site Name

MONSANTO SITE

TDD Number

8407-45

Date

9-17-84

| SAMPLE DESCRIPTION | PHASE | TIME | SAMPLER | ORGANIC TRAFFIC REPORT | INORGANIC TRAFFIC REPORT | ORGANIC TAG NUMBER | INORGANIC TAG NUMBER | |
|--------------------|-------|------|---------|------------------------|--------------------------|--------------------|----------------------|----------------|
| DC008910 | | 1020 | RC | 7A | | 3-33810 | | |
| DC008911 | | 1020 | RC | 7B | | " 11 | | |
| DC008912 | | 1020 | RC | 7C | | " 12 | | |
| DC008913 | | 0935 | MN | 20-D | | " 13 | | DUP FROM NITRO |
| DC008914 | | 1045 | CM | 5A | | " 14 | | |
| DC008915 | | 1045 | CM | 5B | | " 15 | | |
| DC008916 | | 1100 | RC | 4A | | " 16 | | |
| DC008917 | | 1100 | RC | 4B | | " 17 | | |
| DC008918 | | 1100 | RC | 4C | | " 18 | | |

ORIGINAL
(red)

Project Leader Signature

Jeffrey J. Case

Date

9-18-84

Case Number _____
Site Name MONSANTO SITE
TDD Number 8407-45
Date 9-17-84

Analysis _____

Lab _____

Airbill Number _____

| SAMPLE DESCRIPTION | PHASE | TIME | SAMPLER | ORGANIC TRAFFIC REPORT | INORGANIC TRAFFIC REPORT | ORGANIC TAG NUMBER | INORGANIC TAG NUMBER | |
|--------------------|-------|------|---------|-------------------------------|--------------------------|--------------------|----------------------|--|
| DC008919 | | 1125 | MV | 6A | | 3-33819 | | |
| DC008920 | | 1125 | MV | 6B | | " 20 | | |
| DC008921 | | 1150 | RL | BACKGROUND | | " 21 | | |
| DC008922 | | 1150 | RL | BACKGROUND TO BE SPIKED | | " 22 | | |
| | | | | | | | | |
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| | | | | | | | | |

ORIGINAL
(red)

Project Leader Signature _____

Jeffrey J. Case

Date _____

9-18-84